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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/897,653	06/29/2001	Alan Chris Berkema	10016783-1	9773

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HEWLETT-PACKARD COMPANY
Intellectual Property Administration
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EXAMINER

WALLERSON, MARK E

ART UNIT PAPER NUMBER

2626

DATE MAILED: 12/28/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/897,653

Applicant(s)

BERKEMA ET AL.

Examiner

Mark E. Wallerson

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on 03 October 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☐ Claim(s) 2-4, 6, 15, 17, 18, 21-24, 30, 32 and 33 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) 2-4, 6, 15, 17, 18, 21-24, 30, 32 and 33 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 6/30/05.

- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

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Part III DETAILED ACTION

Notice to Applicant(s)

1. This action is responsive to the following communications: amendment filed on **10/3/05**.
2. This application has been reconsidered. Claims 2-4, 6, 15, 17, 18, 21-24, 30, 32, and 33 are pending.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

4. Claims 3, 6, 15, 17, 18, 21, 22, 23, 24, and 30, are rejected under 35 U.S.C. 102(e) as being anticipated by Wolff (U.S. 6,738,841).

With respect to claims 3, 6, 15, 17, 21, and 30, Wolff '841 discloses a print by reference method executable by a portable wireless device (PDA (210)) the method comprising the steps of

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obtaining a reference (column 5, lines 33-49) to print content stored at a location (220 and 230) indicated by the reference and wirelessly communicating (column 8, lines 21-58) the reference to another device (250) to initiate a print by reference of the print contents (column 4, line 61 to column 5, line 20 and column 6, lines 1-6), wherein the reference specifies print format information (Options) (column 6, lines 7-20).

Further with respect to claim 6, Wolff discloses specifying a number of copies (which reads on printing a compound document (column 4, line 65 to column 5, line 3).

Further with respect to claims 15 and 17, Wolff discloses requesting information about the status of the other device (printer) (column 6, lines 7-20).

With respect to claim 18, Wolff discloses displaying the print status message (column 6, lines 7-20).

Further with respect to claim 21, Wolff discloses using the reference to obtain the print content (column 6, lines 1-6).

With respect to claims 22 and 24, Wolff discloses specifying the print device (column 4, lines 61-67 and column 6, lines 27-32).

With regard to claim 23, Wolff discloses receiving the print content from the print service (column 6, lines 1-11).

Further with regard to claim 30, Wolff discloses specifying the print format (column 5, lines 1-2 and column 6, lines 7-20)

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

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(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 2 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wolff (U.S. 6,738,841) (Wolff '841) in view of Wolff (U.S. 5,848,413) (Wolff '413).

With respect to claim 2, Wolff '841 discloses a print by reference method executable by a portable wireless device (PDA (210)) the method comprising the steps of obtaining a reference (column 5, lines 33-49) to print content stored at a location (220 and 230) indicated by the reference and wirelessly communicating (column 8, lines 21-58) the reference to another device (250) to initiate a print by reference of the print contents (column 4, line 61 to column 5, line 20).

Wolff '841 differs from claim 2 in that he does not clearly disclose the reference specifies billing information.

Wolff '413 discloses a method for accessing and publishing electronic documents wherein the information includes billing (charging) information (column 10, lines 31-36). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to have modified Wolff '841 wherein the reference specifies billing information. It would have been obvious to one of ordinary skill in the art at the time of the invention to have modified Wolff '841 by the teaching of Wolff '413 in order to allow the print provider to charge for services.

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are

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such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Wolff '841 in view of Lamming (U.S. 5,539,665).

With respect to claim 4, Wolff '841 discloses a print by reference method executable by a portable wireless device (PDA (210)) the method comprising the steps of obtaining a reference (column 5, lines 33-49) to print content stored at a location (220 and 230) indicated by the reference and wirelessly communicating (column 8, lines 21-58) the reference to another device (250) to initiate a print by reference of the print contents (column 4, line 61 to column 5, line 20 and column 6, lines 1-6).

Wolff '841 differs from claim 4 in that he does not clearly disclose the reference specifies time and date information.

Lamming discloses a method of recording and retrieving information wherein the time-stamped and stored chronologically (the abstract and column 2, lines 52-56). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to have modified Wolff '841 wherein time and data information is specified. It would have been obvious to one of ordinary skill in the art at the time of the invention to have modified Wolff '841 by the teaching of Lamming '665 in order to more clearly specify the images to be retrieved.

9. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person

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having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

10. Claims 32 and 33 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wolff '841 in view of Nachtsheim (U.S. 6,448,906).

With respect to claims 32 and 33, Wolff '841 discloses a print by reference method executable by a portable wireless device (PDA (210)) the method comprising the steps of obtaining a reference (column 5, lines 33-49) to print content stored at a location (220 and 230) indicated by the reference and wirelessly communicating (column 8, lines 21-58) the reference to another device (250) to initiate a print by reference of the print contents (column 4, line 61 to column 5, line 20 and column 6, lines 1-6).

Wolff '841 differs from claims 32 and 33 in that he does not clearly disclose communicating the reference in Bluetooth format. Nachtsheim discloses a wireless communication method wherein bluetooth methods are used for communication. Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to have modified Wolff '841 wherein the reference is communicated in Bluetooth format. It would have been obvious to one of ordinary skill in the art at the time of the invention to have modified Wolff '841 by the teaching of Nachtsheim in order to improve the communication process.

Response to Arguments

11. Applicant's arguments filed 10/3/05 have been fully considered but they are not persuasive.

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With respect to claim 3, Applicant submits that Wolf does not disclose specifying print format information. The Examiner respectfully disagrees. Wolf discloses that the user specifies the format in which the document is to be printed (column 6, lines 54-63).

With regard to claim 6, Wolf discloses printing a compound document (which reads on the number of copies).

Applicant also submits that Wolf does not disclose printing by reference. Again, the Examiner disagrees. Wolf discloses that a URL (reference) is used by a user (column 6, lines 33-42) to print a document stored on a server (column 6, lines 33-63).

With regard to claim 4, Applicant submits that there is no motivation to combine the references (Wolf and Lamming). In response to applicant's argument that there is no suggestion to combine the references, the examiner recognizes that obviousness can only be established by combining or modifying the teachings of the prior art to produce the claimed invention where there is some teaching, suggestion, or motivation to do so found either in the references themselves or in the knowledge generally available to one of ordinary skill in the art. See *In re Fine*, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988) and *In re Jones*, 958 F.2d 347, 21 USPQ2d 1941 (Fed. Cir. 1992). In this case, the addition of time information with respect to the stored information allows for an increase in the speed of searching (the abstract of Lamming).

With respect to claims 32 and 33, Nachtsheim discloses the use of the Blue tooth standard in portable devices. This standard is used to improve the point-to-point and point-to-multipoint communications (column 1, lines 15-25).

Conclusion

12. THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

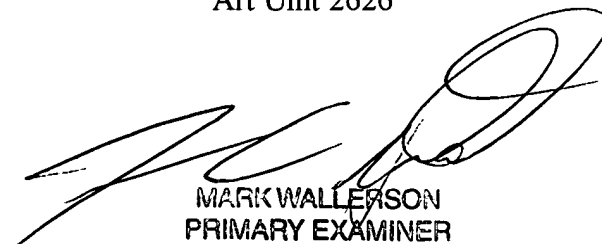
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark E. Wallerson whose telephone number is (571) 272-7470. The examiner can normally be reached on Monday-Friday - 6:30-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly Williams can be reached on (571) 272-7471. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mark E. Wallerson
Primary Examiner
Art Unit 2626



MARK WALLERSON
PRIMARY EXAMINER